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Chatbot Experiment Overview CARM Innovation Program

INTRODUCTION

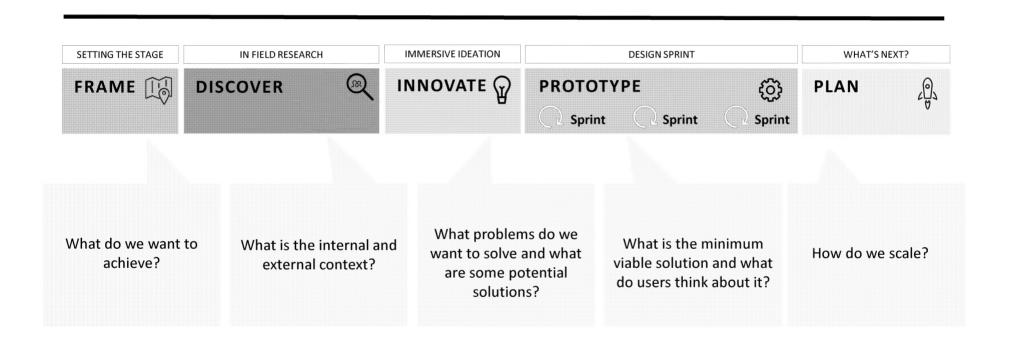
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A Reminder of our Approach

A REMINDER OF OUR APPROACH

We used our five-step experimentation process to explore this opportunity



Frame the Objective



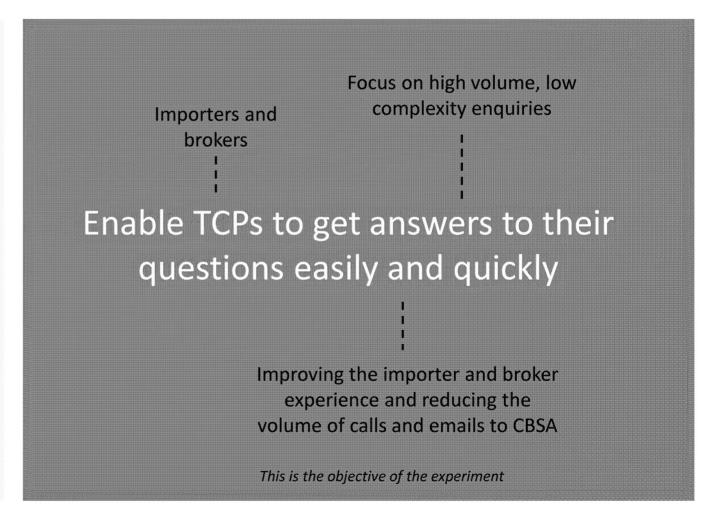
CBSA spends significant time liaising with trade chain partners (TCPs) on FAQ-type and account-related questions, resulting in lost productivity and a poor experience

TCPs don't know where
to go to get their
questions answered and
have to interact with
multiple groups to get
answers to common
questions

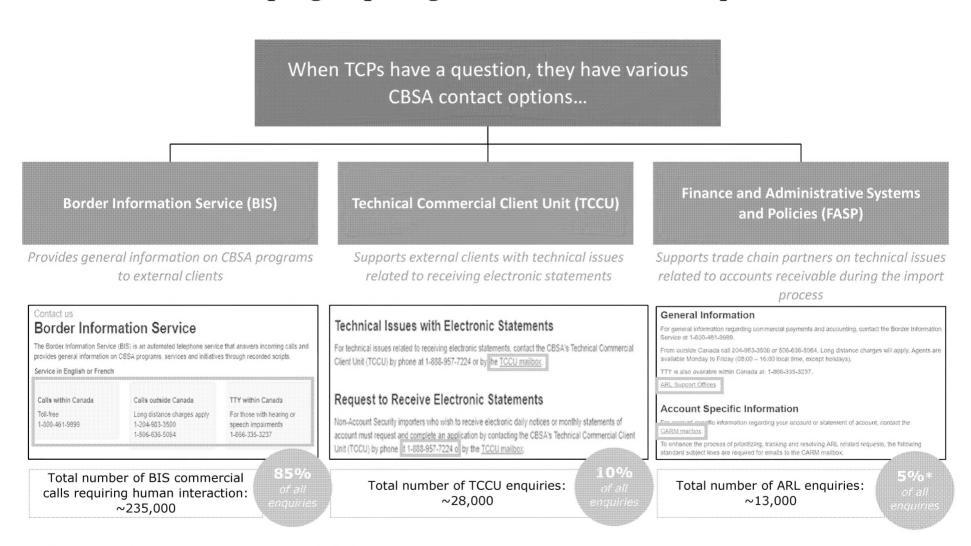
TCPs spend a lot of time enquiring about the importation process and managing their accounts

CBSA spends significant resources addressing TCP enquiries

These are the problems we're trying to solve



TCPs don't know where to go to get their questions answered and have to interact with multiple groups to get answers to common questions

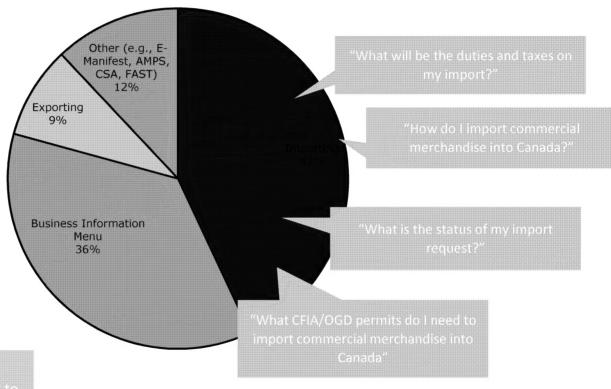


^{*}Represents the total number of commercial enquiries to BIS, TCCU and FASP



TCPs spend a lot of time inquiring about the importation process and managing their accounts (1/3)

BIS Enquities (Jan - Dec 2017)



"Nearly 99% of calls are FAQ type questions. If they aren't, they are sent to another team that provides more comprehensive support."

- BIS support team

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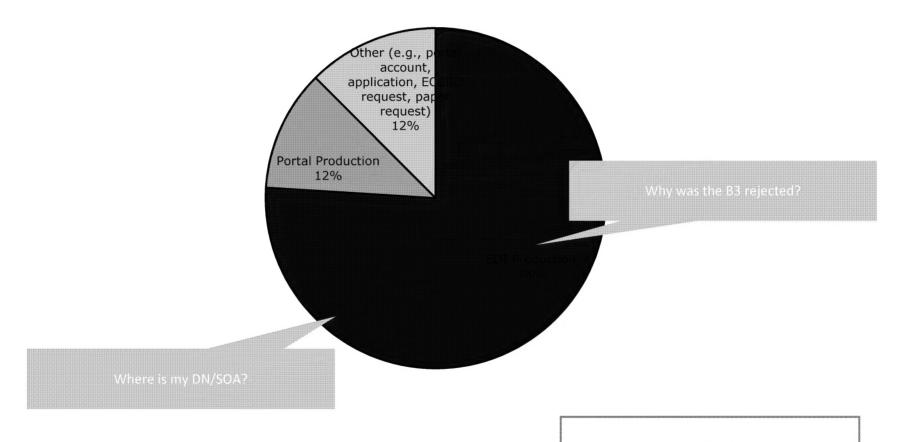
Total number of BIS commercial enquiries requiring human interaction: ~235,000

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TCPs spend a lot of time inquiring about the importation process and managing their accounts (2/3)

TCCU Enquiries (July 2017 - 2018)



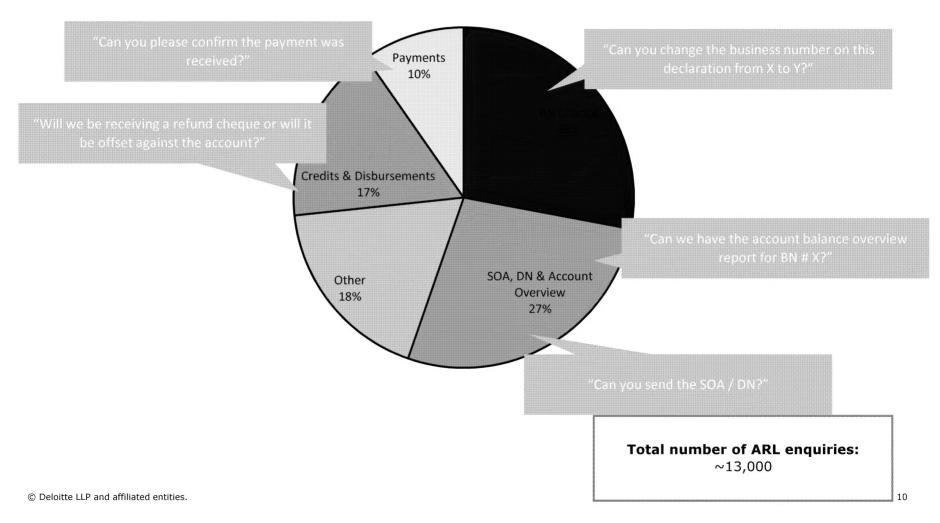
Total number of TCCU enquiries:

~28,000



TCPs spend a lot of time inquiring about the importation process and managing their accounts (3/3)

ARL Support Enquiries (July 2017-2018)



CBSA spends significant resources addressing stakeholder enquiries

BIS



235,137

Total number of commercial BIS calls and emails requiring human interaction in the last 12 months

32 FTE

Total FTE handling commercial BIS calls and emails

\$1 - 2M1

Total possible savings per year

TCCU



27,693

Total number of TCCU enquiries over the last 12 months

9 FTE

Total FTE handling enquiries in the TCCU group

\$225 - 450K²

Total possible savings per year

FASP



12,859

Total number of FASP enquiries over the last 12 months

8 FTE

Total FTE handling enquiries in the FASP group

\$200 - 600K³

Total possible savings per year

Estimated BIS savings were calculated based on number of enquiries, minutes of FTE effort spent on calls and FTE salary based on the number of assumed enquiries (high and low) that could be supported by a chatbot (detailed calculated included in Appendix A). 2.3 Estimated TCCU and FASP savings were calculated by taking FTE count (and salary) and assuming the percentage of enquiries (high and low) that would be supported by a chatbot since the length of call could not be generalized due to the variety and complexity of enquiries (detailed calculations included in Appendix B and C)

Discover the User

DISCOVER THE USER



Trade chain partners are users of enquiry channels within CBSA, and they are serviced by CBSA client service teams (BIS, TCCU, FASP)

Trade Chain Partners

CBSA
Client Service Teams

Our users

Trade chain partners are focused on understanding the importation process and the transactions being posted to their account(s)

Client service teams spend significant time on high volume, low complexity questions

Key insights from our users



TCPs are focused on understanding the importation process and the transactions being posted to their account(s) while client service teams spend significant time on high volume, low complexity questions

General information

TCPs want to know about various aspects of the importation process, such as tariff classification, import accounting, requirements and restriction of importing commercial goods taxes and duties, among others. These questions are in high volume and are often generic and FAQ-type questions.

"What OGD permits do I need to import X commercial items into Canada?"

Status of requests & account info

TCPs want to know about the status of their import requests, forms (e.g., B3 rejects), payments, refunds or help with issues with EDI production and BN mis-entry. TCPs want to be updated on information they've submitted to CBSA for review or action. More transparency for end users would minimize enquiries to CBSA.

"What is the status of my import request?"

Statement of account & daily notice

Many importers are simply looking to understand the status of their account. There is complexity around getting immediate access to their account to track amounts owed and payments due. Greater functionality for end users would allow for faster access to their account information and less enquiries to CBSA.

"We did not receive the statement of account for BN#X. Please advise on the status of the SOA." **Innovate the Solution**

INNOVATETHE SOLUTION



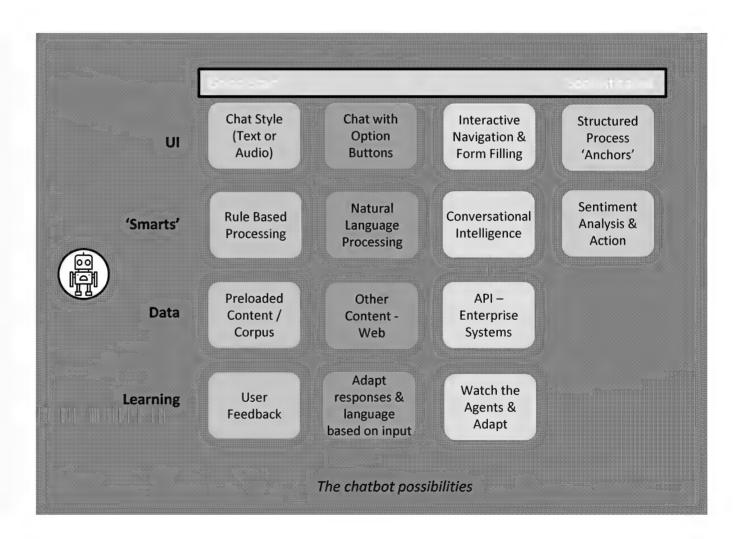
CBSA is interested in exploring the use of a chatbot to reduce call and email volume and to improve user experience

Improve the service experience for trade chain partners

Reduce the amount of time that trade chain partners spend communicating with CBSA

Reduce the workload of CBSA client service teams

Desired outcomes



INNOVATE THE SOLUTION



Improve the service experience for trade chain partners

A chatbot results in a better user experience by:

- Allowing immediate access to answers for users
- Facilitating an easy interaction through natural language in both English and French.
- Creating an **integrated user support channels** that allow for seamless transition between agents or teams
- Providing a consistent user experience during each interaction

Case Study



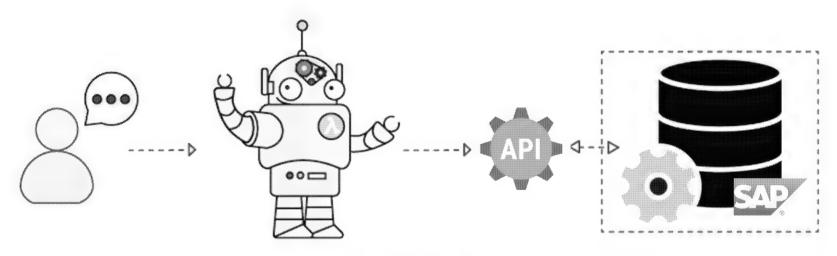
Chatbots allow organizations to better serve users through a user-centric platform that allows them to listen to users and better meet their needs.

85%

of client interactions will be managed without a human by 2020

INNOVATE THE SOLUTION

Reduce the amount of time that trade chain partners spend communicating with CBSA



The Chatbot can understand user requests in natural language. It can reply with answers,

retrieves the requested information or performs

Case Study



Swedbank introduced a human-like, conversational AI chatbot with self-serve capabilities to respond to user inquiries

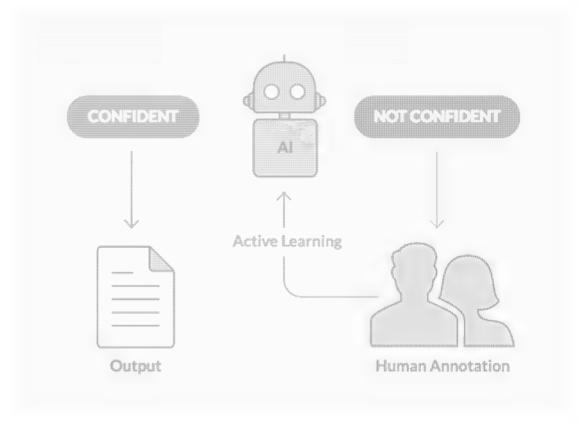
78% of customer enquiries were resolved on first contact

INNOVATE THE SOLUTION



Reduce the call & email volume, and know when to escalate to humans for help

A chatbot will help trade chain partners get things done faster than they do today, but there will be times where the request from the end user is not something the bot is capable of handling. In these situations the bot must escalate to a human agent.



Case Study



Bradesco introduced an AI chatbot in 2014 to assist with internal employee queries, and they were diligent in managing, refining and scaling it's response capabilities

90%

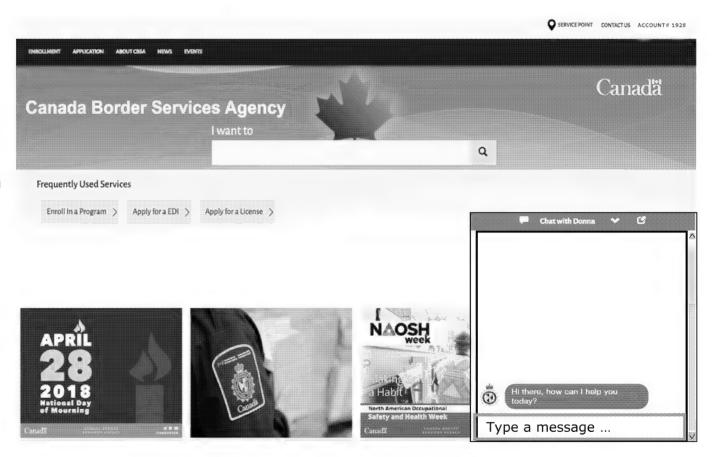
of help desk calls were eliminated within 2 years

Prototype the Solution



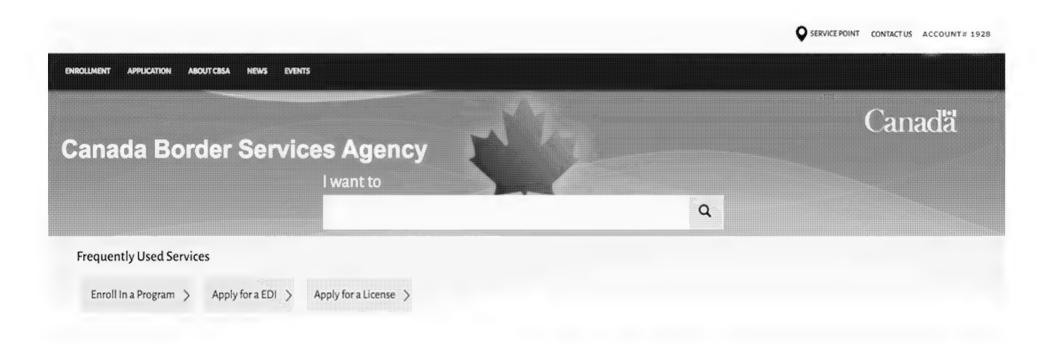
The chatbot solution will build on the currently proposed CARM solution

For the CARM program one of the biggest new capabilities being delivered is an online portal for trade chain partners to interact with. A chatbot would be a logical extension of this portal to allow trade chain partners to quickly access disparate information and perform various transactions with the agency without navigating through pages.



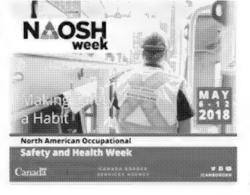
Illustrative Example (Mocked):

PROTOTYPE THE SOLUTION







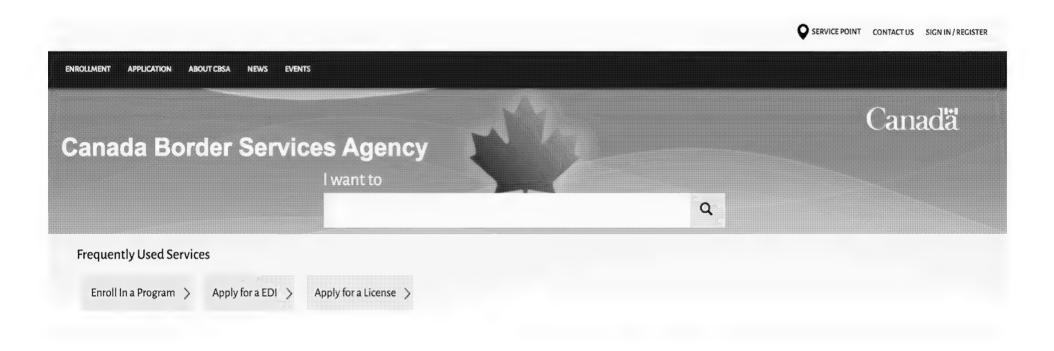




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PROTOTYPE THE SOLUTION



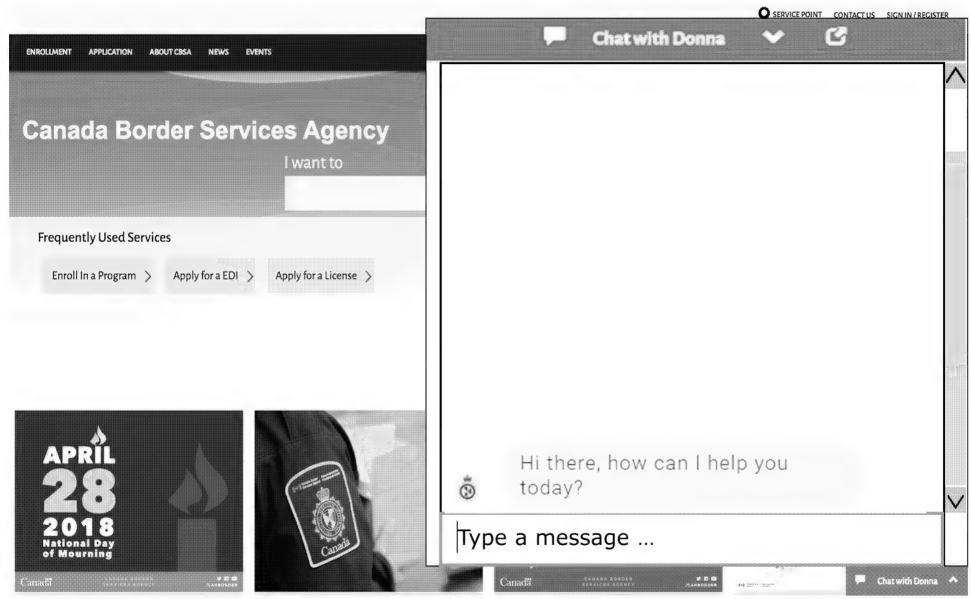








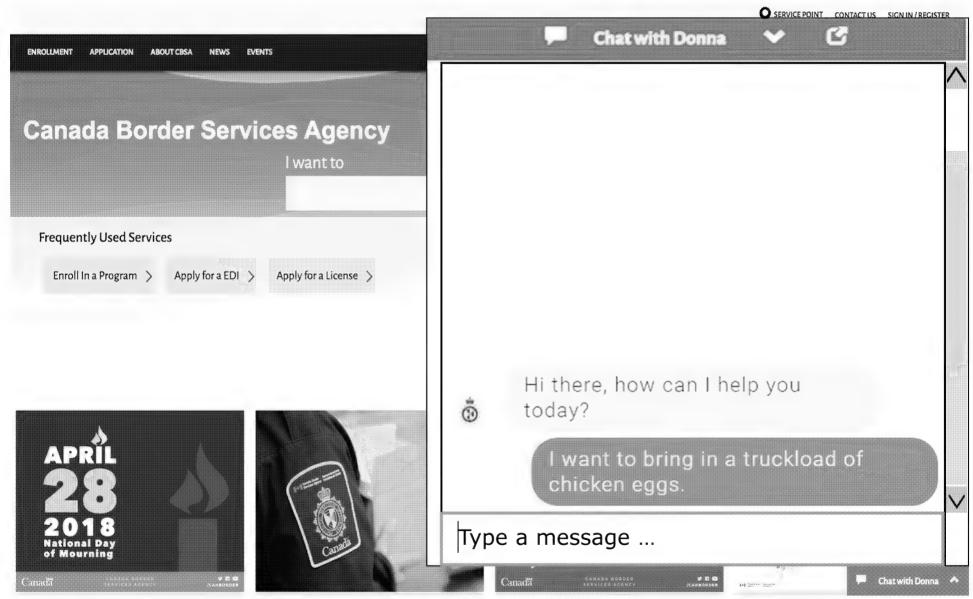
PROTOTYPE THE SOLUTION



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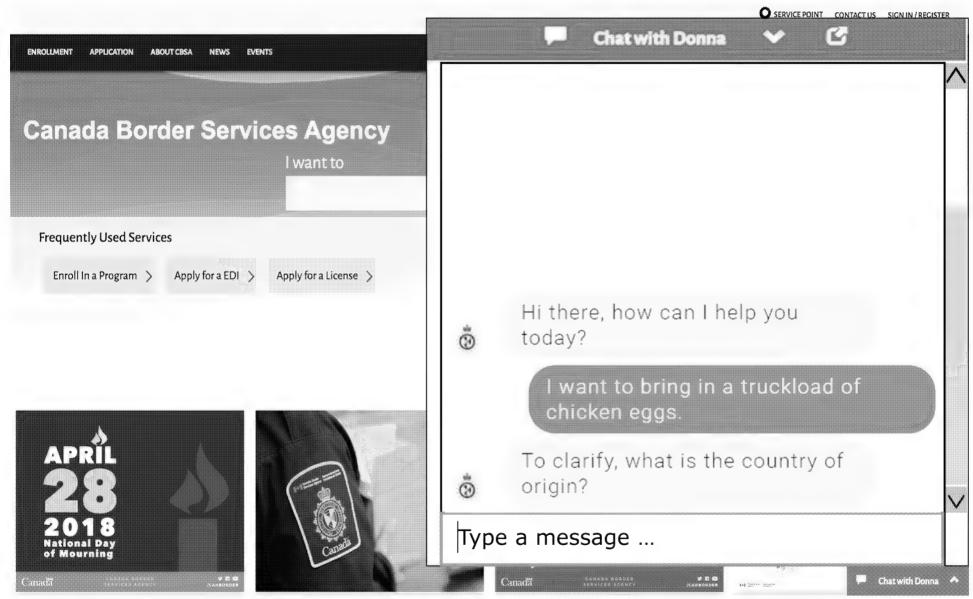
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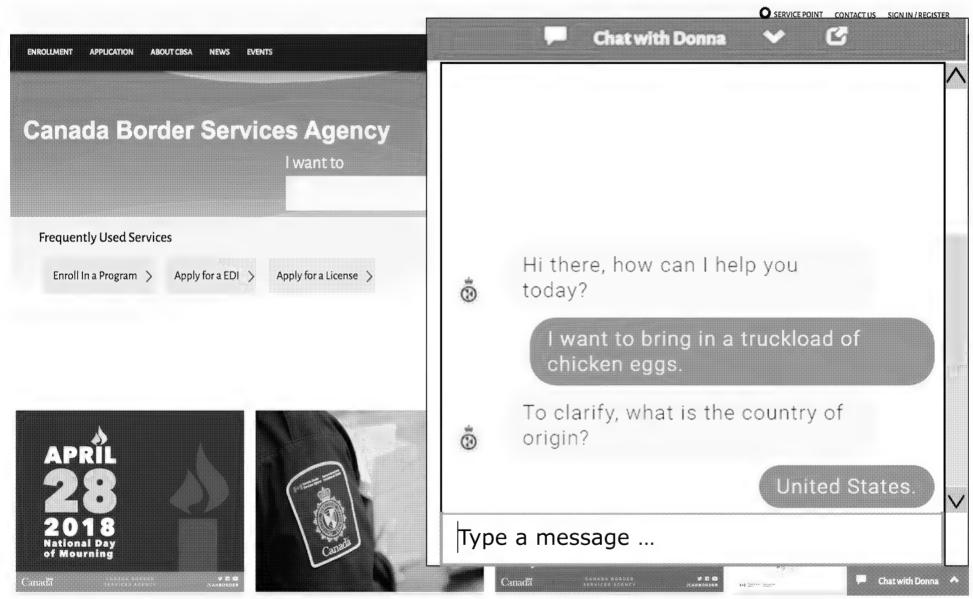
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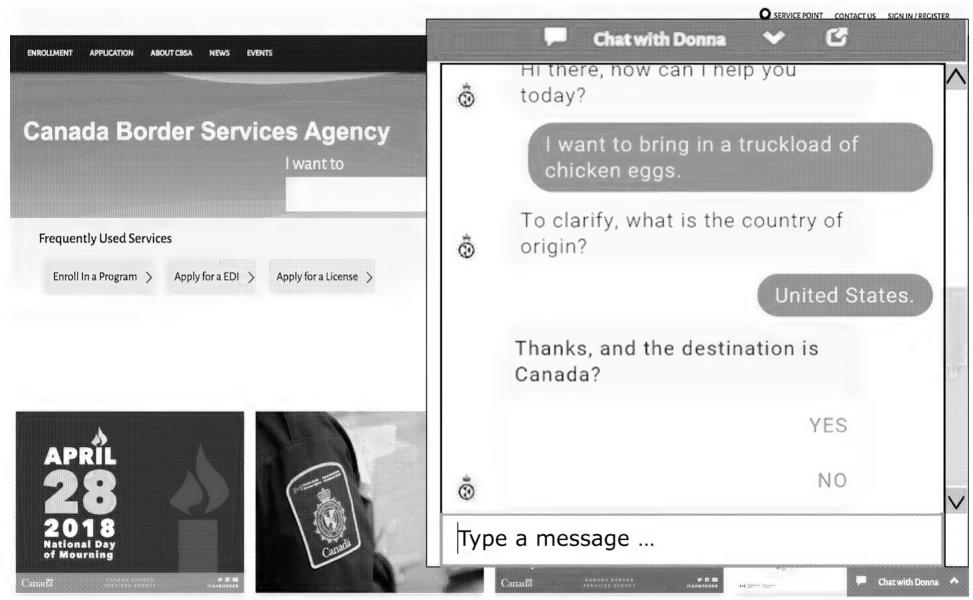
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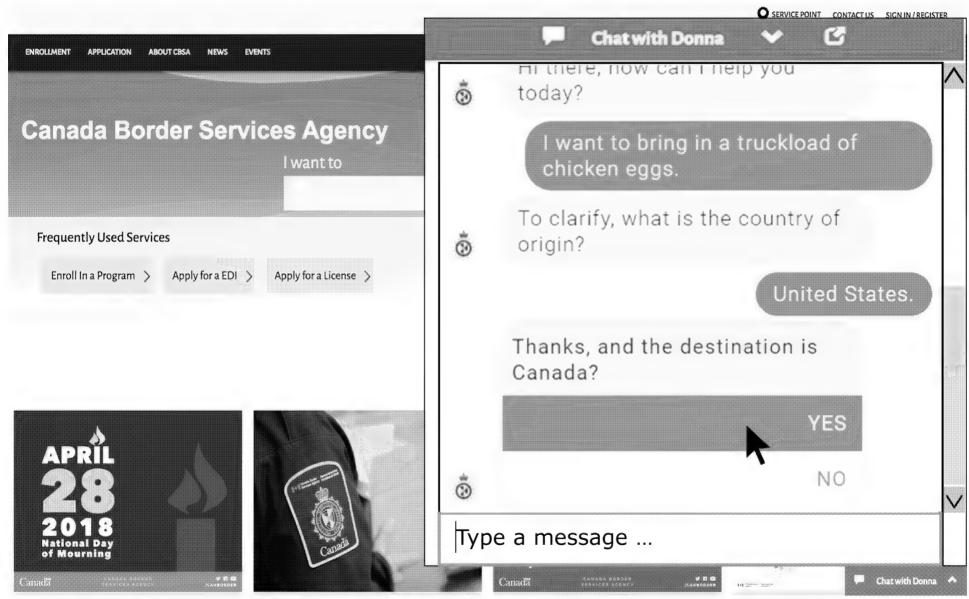
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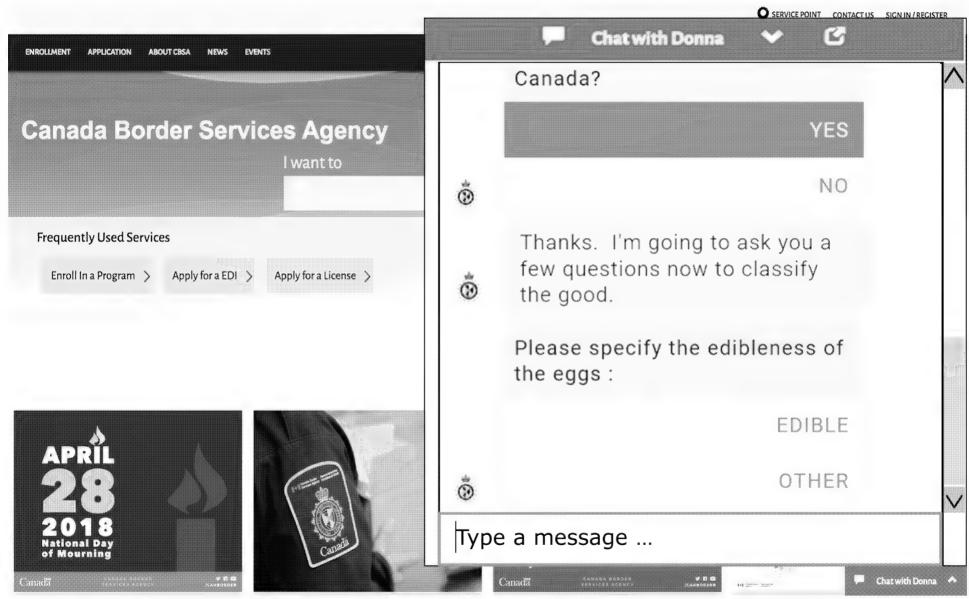
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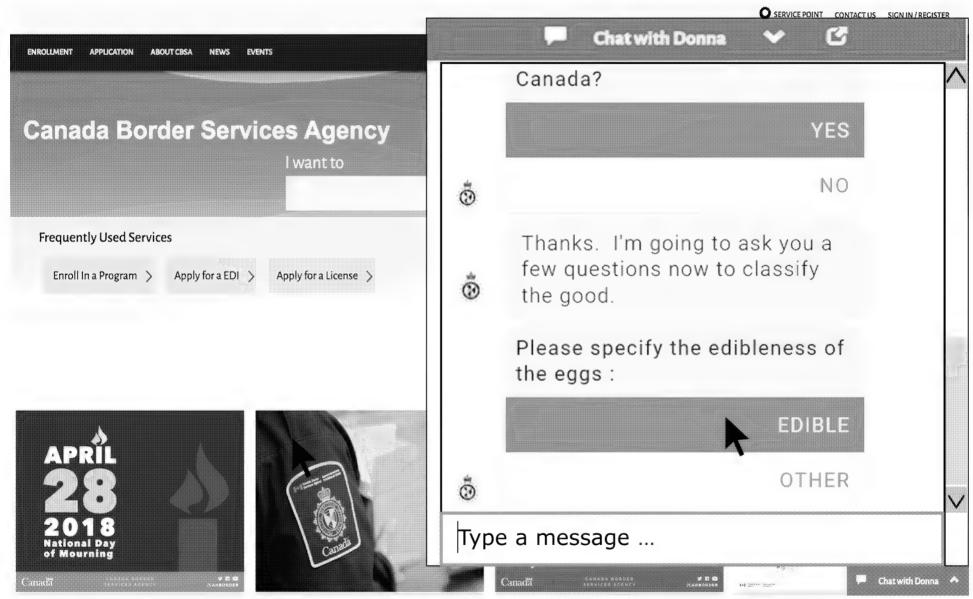
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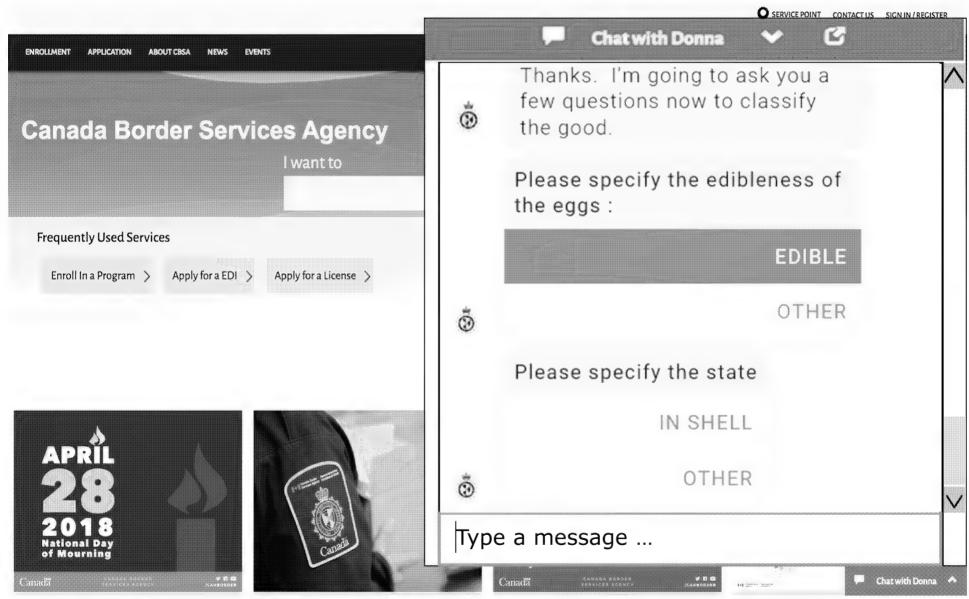
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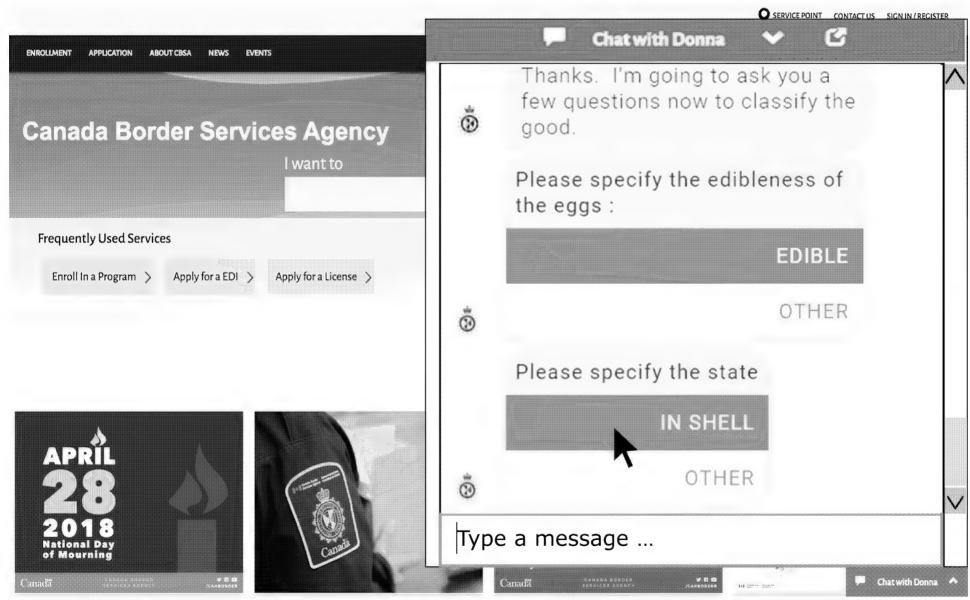
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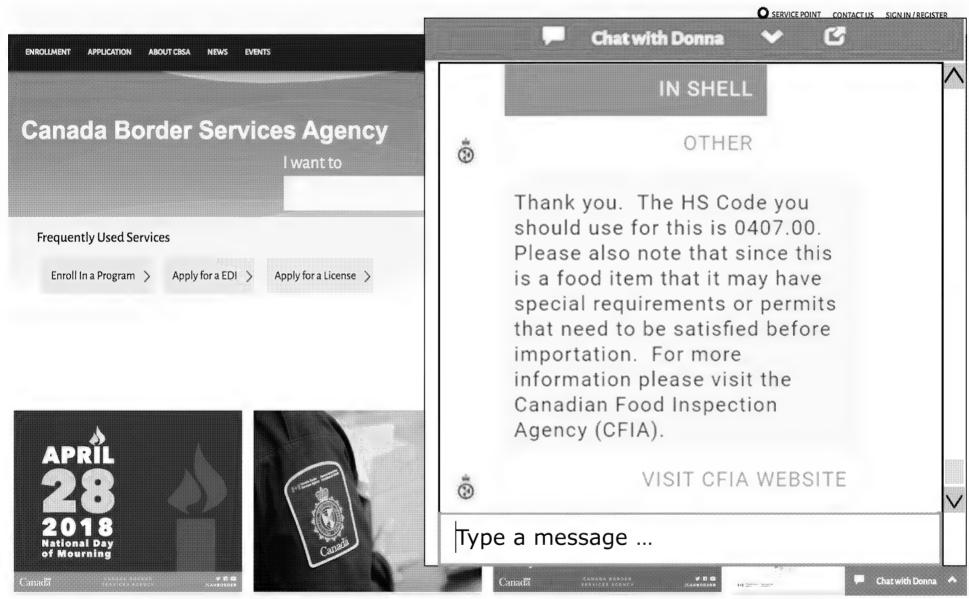
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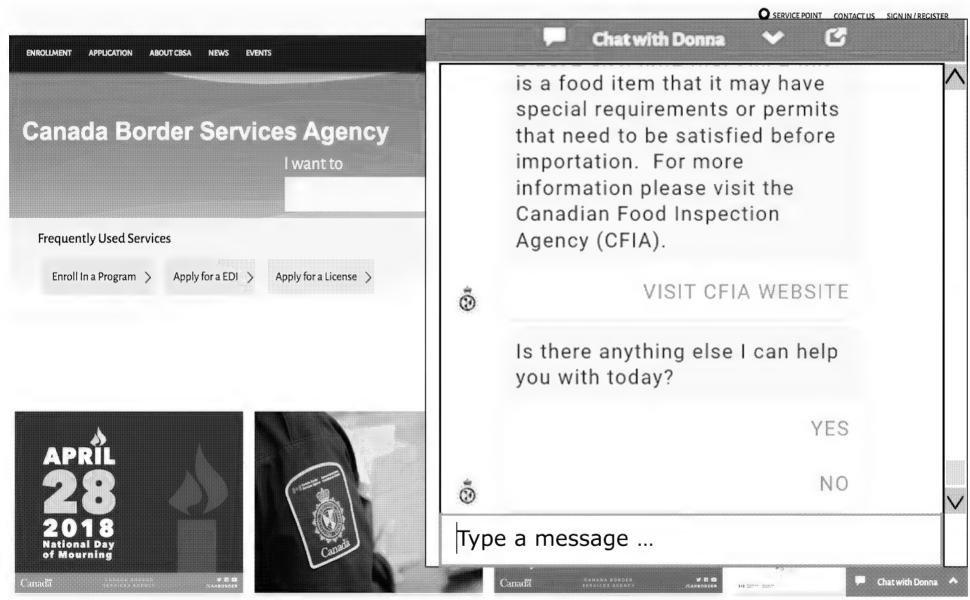
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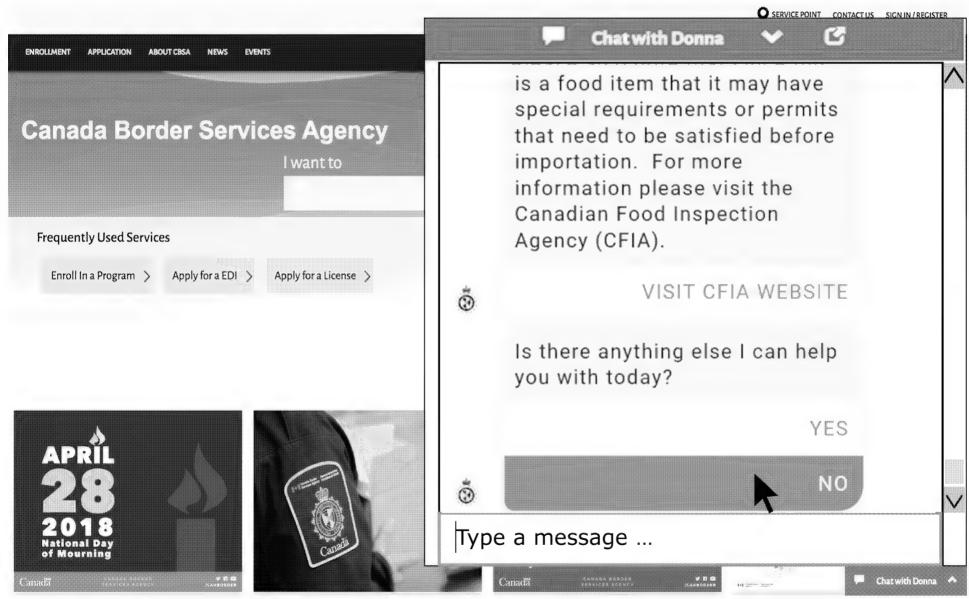
PROTOTYPE THE SOLUTION



PROTOTYPE THE SOLUTION

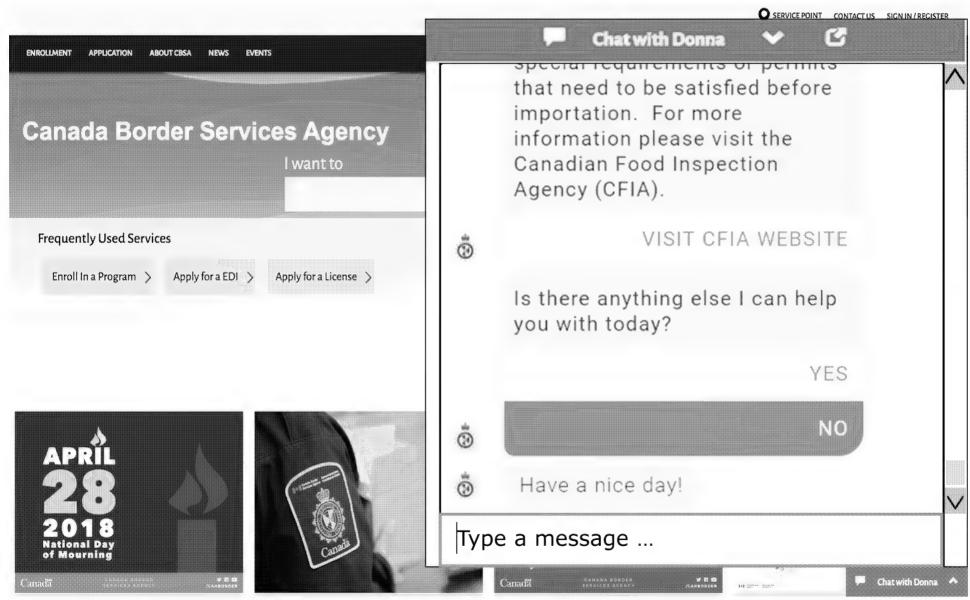


PROTOTYPE THE SOLUTION



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PROTOTYPE THE SOLUTION



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Prototype the Solution Beyond the Proof of Concept



A chatbot would support and integrate into the CARM solution in a number of ways, including enabling expedited transactions

The list below provides some example tasks a chatbot could be configured to help users with when accounts are authenticated or non-authenticated (i.e., FAQ-type questions):

General importation questions:

What is the status of the custom ruling on Buffalo Jerky?

What HS code do I use to classify an electric toothbrush?

How do I register as an importer?

What will the taxes & duties be on my goods?

Where do I go to get help with EDI?

Account specific questions:

I need to change the BN on a client declaration.

I want to appeal an AMP that was posted onto my account.

What's the status on my SOA?

What's the status on my refund I requested?

Can you confirm you received the payment?



A chatbot could interact directly with trade chain partners through their mobile devices

Along with integrating into the CARM portal, a chatbot could interact with trade chain partners directly through their mobile devices for instant access while on the go and provide **push notifications** from CARM to trade chain

partners.

Your refund has been processed.

Your account has been penalized due to late payment.

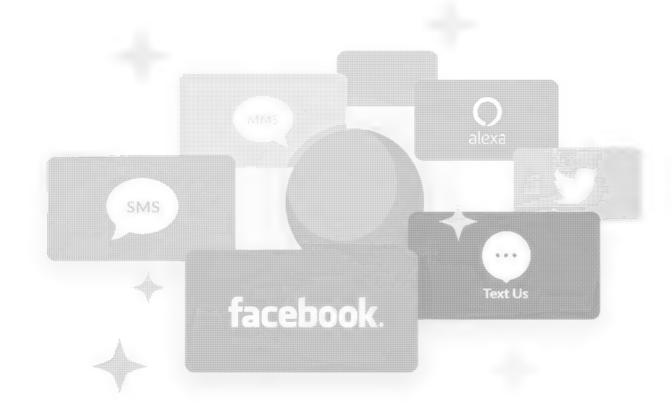
Your declaration could not be processed.

You are approaching your security limit.



A chatbot can be deployed across several different platforms in order to best meet importer/ broker needs

Chatbots will be used more when they are made available in as many places as possible. With minimal deployment effort the same bot can live in many different platforms at the same time.



Plan for Launch & Scale



The chatbot proof of concept will demonstrate the value and impact of the solution

In Scope

- Setup of 1 non-production environment to host the proof of concept (POC)
- Creation of mocked data which is based on (masked) production data
- Configuration of a single scenario used by front line staff into chatbot tool (based on interviews with BIS, TCCU and FASP)
- Demonstration of chatbot POC to key CARM stakeholders and – provide opportunity to address technical / business related questions that surface from the POC
- Creation of executive summary to document key findings, outcomes, risks, issues, and next steps

Out of Scope

- Live integration of the chatbot into the CARM backend.
- Embedding of chatbot into the conceptual CARM portal.

What is Needed from CBSA?



Provide Business Context

Provide background and context around the selected user scenario so that project team can properly train and configure the solution to meet expected results.



Participate in Meetings

Delegate key stakeholders to act as participants in workshops / working groups to identify relevant questions to ask the chatbot, confirm user scenarios, and make decisions on behalf of CARM.

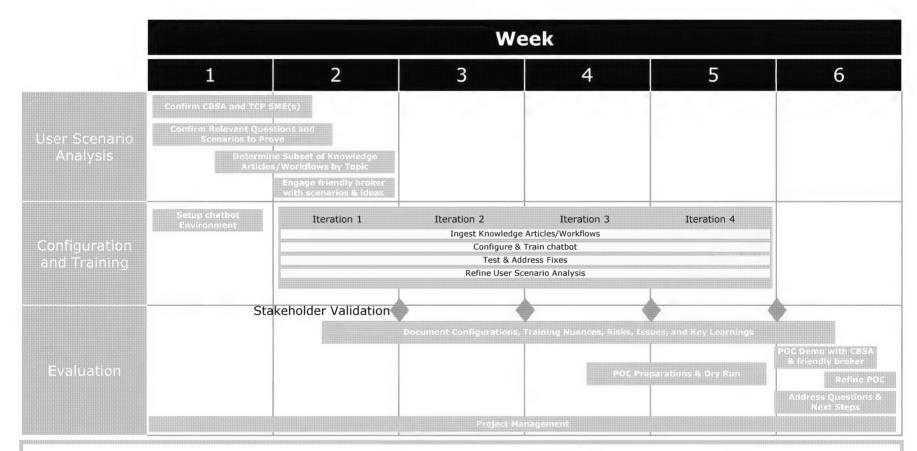


Support Testing of POC

Provide staff to assist with testing the solution from a business end users perspective and identify potential issues / defects to address. Validate the accuracy of various documents being produced.



The proof of concept will adopt Agile principles in order to deliver value in a timely manner



Key Deliverables

- Configured and Trained POC Solution for knowledge Articles / Workflows In-Scope
- Documentation of POC User Scenarios / Questions to Prove
- POC Test Cases & Result
- High Level Analysis of Full Implementation Effort and Approach
- Executive Summary for POC Outcomes, Key Findings, and Next Steps

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The benefits of the chatbot are aligned closely with the core CARM mandate

PRINCIPLES

GUIDING



Simplify the Commercial Process. Streamline the importation declaration and release processes for legitimate trade, by leveraging new technology and reducing administrative burden at the border



The chatbot will enable TCPs to get answers to their questions quickly and easily



Improve client identity management and commodity identification. Enhance the identification of Trade Chain Partners (TCPs) and imported goods to improve pre-arrival risk assessment and targeting activities

The chatbot will be able to answer authenticated questions, and has potential to be leveraged to improve pre-arrival activities

CARM OBJECIVES

MODERN – A fully digital commercial continuum incorporating self-service functionality for clients



Users can seek information from one source, and inquire about both authenticated and non-authenticated inquiries TRANSFORMED – A reengineered, highly efficient business operation enabled by technology



The chatbot will significantly reduce effort required for the three current CBSA contact options (BIS, TCCU, and FASP)

INNOVATIVE – A capability to respond to evolving client and marketplace needs and trends



According to Gartner research, approximately 85% of client interactions will be managed without a human by 2020

PLAN FOR LAUNCH & SCALE



In order to move the chatbot POC to the next phase, a few key steps need to be completed

- Gain approval for resources to move forward with POC
- Establish POC team, including relevant CBSA SME(s)
- Confirm relevant questions and scenarios to prove
- Setup chatbot environment

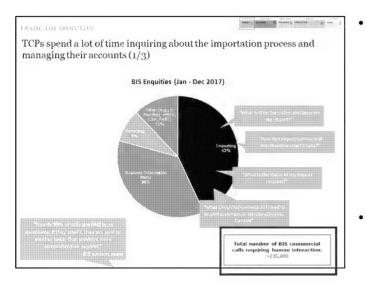
Appendix

Appendix A: Benefit Calculations — BIS

APPENDIX

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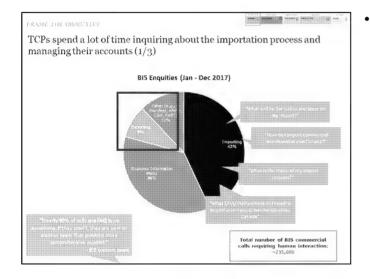
BIS data (1/4)



- Based on Suzanne's input on the Workflow Action Activity Report (*WAAS* with Summary and Details Jan Dec 2017 Monthly.pdf), summarized the number of monthly calls received by BIS for business information (commercial) related inquiries. The summarized data included the total number of calls for each option within the business information menu. Determined that a total number of **340,481** calls were received by BIS for commercial inquires, between January and December 2017 (note: this 340,481 does not distinguish between calls where human interaction is needed vs not)
- Based on the BIS Phone Monthly Stats file (*BIS Phone Monthly Stats_Fiscal Year 2016 2017 2017 2018_v3.03.xlsx*), it was determined that BIS received a total of **657,788** in 2017 including both traveler and commercial inquiries
- Based on the above data, it was determined that roughly **50%** of BIS calls are commercial inquires $(340,481 / 657,788 \approx 50\%)$
- As per the BIS Phone Monthly Stats file, BIS treats a total of 303,336 calls in tier 1, and 79,336 in tier 2. Both require CBSA employees interaction. Assuming that 50% of the tier 1 tickets are commercial, and 90% of tier 2 are commercial (based on a discussion with Suzanne where she mentioned that most tier 2 tickets are commercial), it was determined that BIS treats approximately 151,668 commercial tickets in tier 1, and 71,402 in tier 2 for a total of 223,070 tickets requiring CBSA employees interaction

APPENDIX

BIS data (2/4)



- The other category includes the following categories (with their related % of total volumes):
 - CSA, FAST, PIP, API/PNR (7.7%)
 - The Administrative Monetary Penalty System (AMPS) (0.5%)
 - Commercial Transporter Obligations (0.6%)
 - o eManifest (3.1%)

APPENDIX

BIS data (3/4)



Mark and concurred 1992	
Total commercial calls requiring human interaction	223,070
Minutes of calls (assuming 10 min per call)	2,230,704
Days of calls	4,957
Days of commercial calls per FTE (Assuming 65 FTE)	
	155
Total FTE required to handle the calls (assuming 252	
days of work a year)	19.7
Total possible savings	1,967,111.11
Total commercial emails	12,067
Minutes of emails (assuming 10 min / email)	120,669
Days of emails	268
Days of commercial emails per FTE	8
Total FTE required to handle the emails (assuming	
252days of work a year)	1.1
Total possible savings	106,409.61
Total commercial calls and emails	235,137
Minutes of calls ad emails (assuming 10 min / email)	2,351,373
Days of calls and emails	5,225
Days of commercial calls and emails per FTE	163
Total FTE required to handle the calls and emails	
(assuming 252days of work a year)	20.7
Total possible savings	\$ 2,073,520.72

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- Based on the BIS E-Mail Monthly Statistics file (2017-18 BIS E-Mail Monthly Statistics), it was determined that BIS received a total of **22,754** emails in 2017. Assuming that commercial inquires represent **50%** of Tier 1 emails, **90%** of Tier 2 emails and **95%** of HQ emails (% based on conversation with Suzanne), it was determined that a total of **12,067** commercial emails were received by BIS in 2017
- Assuming that 100% of calls and emails can be answered by a chatbot
 - o 235,137 calls and emails are handled yearly
 - 2,351,373 minutes are required to handle the questions (235,137 calls/emails * 10 minutes per call/email). (Assumed 10 minutes per call)
 - 5,225 days are required to handle the questions (2,351,373 minutes / 60 minutes / 7.5 hours of work per day)
 - 163 days are required per FTE to handle the questions (5,225 / 32 FTE)

 65 FTEs is the total FTE (commercial + traveler) based on conversation with Suzanne. Assumed that 50% of them work on commercial questions only
 - 20.7 FTEs are required to handle the questions in total (5,225 days required to handle the questions / 252 working days per year)
 - Potential savings of \$2,073,520 if 100% of the calls and emails can be answered by a chatbot

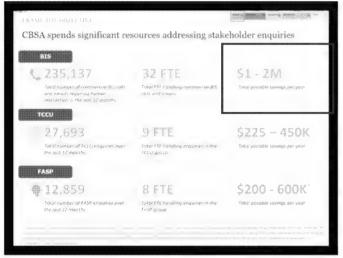
(6) PLAN

INNOVATE PROTOTYPE

DRAFT

APPENDIX

BIS data (4/4)



Total commercial calls requiring human	111,535
Minutes of calls (assuming 10 min per call)	1,115,352
Days of calls	2,479
Days of commercial calls per FTE (Assuming	
65 FTE)	77
Total FTE required to handle the calls	
(assuming 252days of work a year)	9.8
Total possible savings	\$ 983,555.56
Total commercial emails	6,033
Minutes of emails (assuming 10 min / email)	60,334
Days of emails	134
Days of commercial emails per FTE	4
Total FTE required to handle the emails	
(assuming 252days of work a year)	0.5
Total possible savings	\$ 53,204.81
Total commercial calls and emails	117,569
Minutes of calls ad emails (assuming 10 min /	1,175,686
Days of calls and emails	2,613
Days of commercial calls and emails per FTE	82
Total FTE required to handle the calls and	
emails (assuming 252days of work a year)	10.4
Total possible savings	\$ 1,036,760.36

Assuming that 50% of calls and emails can be answered by a chatbot

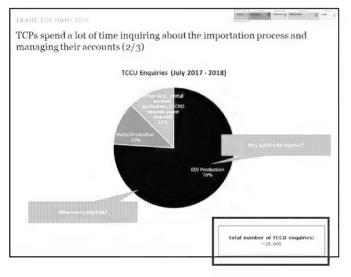
- o 117,569 calls and emails are handled yearly
- 1,175,686 minutes are required to handle the questions (235,137 calls/emails * 10 minutes per call/email).
- 2,613 days are required to handle the questions (2,351,373 minutes / 60 minutes / 7.5 hours of work per day)
- 82 days are required per FTE to handle the questions (5,225 / 32 FTE) –
 65 FTEs is the total FTE (commercial + traveler) based on conversation with Suzanne. Assumed that 50% of them work on commercial questions only
- 10.4 FTEs are required to handle the questions in total (5,225 days required to handle the questions / 252 working days per year)
- Potential savings of \$1,036,760 if 50% of the calls and emails can be answered by a chatbot

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Appendix B: Benefit Calculations – TCCU

APPENDIX

TCCU data (1/2)

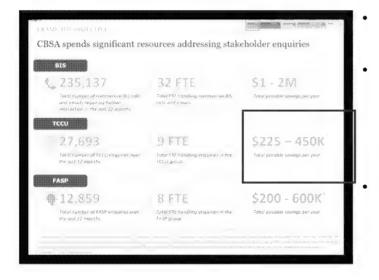


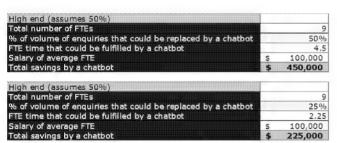


- Based on the data provided by Rick Stark, we took the total number of enquiries from the ECU (26,143) and TSU (1,550) teams, which have us **27,693** total enquiries to the TCCU team between July 2017-2018
- The other category includes the following issue categories (with their related % of total volumes):
 - Application (1.6%)
 - Barcode testing (0.4%)
 - Bulletin request (0.2%)
 - Distribution list (1.0%)
 - ECCRD request (1.3%)
 - EDI account (0.9%)
 - o Other (2.1%)
 - o Outage (0.4%)
 - o Paper request (1.3%)
 - o Portal account (2.3%)
 - Set aside (0.004%)
 - o Testing (.9%)

APPENDIX

TCCU data (2/2)







Based on a discussions, it was determined that 9 FTEs work in TCCU answering calls / handling tickets

Assuming that 50% of calls and emails can be answered by a chatbot

- 4.5 FTE time could be fulfilled by a chatbot
- Assuming an annual salary of \$100,000, the total savings by a chatbot is approximately \$450,000

Assuming that 25% of calls and emails can be answered by a chatbot

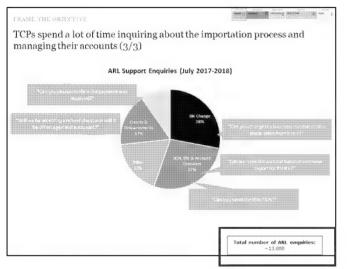
- 2.25 FTE time could be fulfilled by a chatbot
- Assuming an annual salary of \$100,000, the total savings by a chatbot is approximately \$225,000

Appendix C: Benefit Calculations — FASP

APPENDIX

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FASP data (1/3)

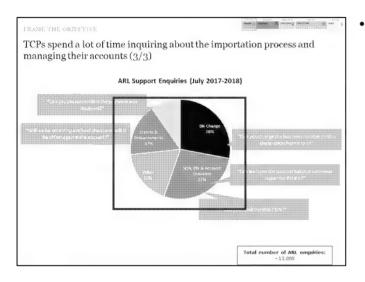


- Total tickets/enquiries were provided by Barbara in a screenshot of a pie chart, providing us with the types of enquiries (FASP labels) and the volume of tickets per label
- KBAs were removed (based on Aran and Barb's recommendations). Note: some of the "other" category may include KBAs, given that we were only provided with the first **39** rows of the table.
- The total from the pie chart components was used as the total number of enquiries (representing the number of labels, assuming this is the number of issues).
- The 'other' row in the raw data is calculated by taking the total from the pie chart, subtracting the KBAs, then subtracting the total of the remaining **29** rows provided.
- "Credit" label FASP label as divided into two (half allocated to each category) to Payment and Credit & Disbursement since we were told by Barb that these enquiries could fall under either
- The original FASP labels were assigned parent labels to bubble up to a higher level – refer to table categorizing

APPENDIX

STRAME THE SEASON OF A MANUAL HEAVIEW CENTER OF THE PROTOTYPE OF THE PLAN OF

FASP data (2/3)



The original FASP labels were assigned parent labels to bubble up to a higher level – refer to table categorizing:

Assigned Parent Label	Original FASP Label			
BN Change	BN Change			
Credits & Disbursements	Disbursement			
	Refund Breakdown			
	Refund			
	Cheque			
	Credit			
	Drawback			
	Cheque_Breakdown			
	Disbursement/Offset			
Other	Overdue_Releases			
	Broker_Tag			
	Other			
Payments	Payment			
	Correction			
	Cheque			
	Epayment			
	Payments			
SOA, DN & Account	Overview			
Overview	Document Status			
	DN_SOA			
	Access			
	SOA			
	Status			
	Password			
	Registration			
	Inquiry			
	Doument_Change			
	Missing_Transaction			
	Balance			

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APPENDIX

String my finds FRAME (1) DISCOVER INNOVATE (2) PROTOTYPE Control (2) PLAN (2)

FASP data (3/3)



High and (assumes 75%)	
Total Number of FTEs	8
% of volume of enquiries that could be replaced by a chatbot	75%
FTE time that could be fulfilled by a chatbot	6
Salary of average FTE	100,000.00
Total savings by a chatbot	\$600,000

Low end (assumes 25%)	
Total Number of FTEs	8
% of volume of enquiries that could be replaced by a chatbot	25%
% of volume of enquiries that could be replaced by a chatbot FTE time that could be fulfilled by a chatbot	2
Salary of average FTE	100,000.00
Total savings by a chatbot	\$ 200,000

8 FTE working in the FASP group answering enquiries – provided by Barbara and Chris

Assuming that 75% of calls and emails can be answered by a chatbot

- o **6** FTE time could be fulfilled by a chatbot
- Assuming an annual salary of \$100,000, the total savings by a chatbot is approximately \$600,000

Assuming that 25% of calls and emails can be answered by a chatbot

- 2 FTE time could be fulfilled by a chatbot
- Assuming an annual salary of \$100,000, the total savings by a chatbot is approximately \$200,000

60

^{*}Please note that the FASP team voiced concerns in terms a chatbot having the ability to answer the types of complex, account specific questions they receive

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Helios Al 4 Leg, Regs, Policies Prototype Tool

Business Case

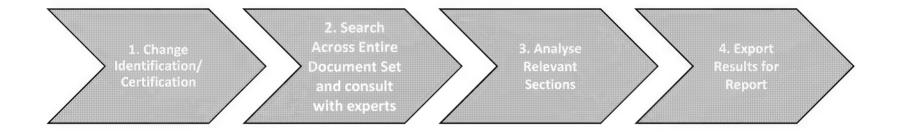
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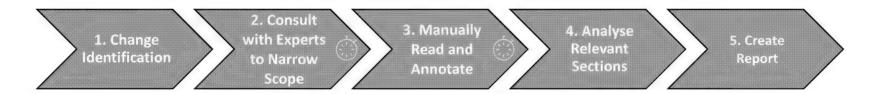


Current vs. Al-powered Workflow

Al-powered $\{ \bigcirc + \bigcirc \}$



Current $\{ \bigcirc \}$



Business Case

As the AI prototype tool is a new innovation, we will measure its effectiveness across a number of dimension by comparing the current method to an Al-powered method.











OF DOCUMENTS

TIME SAVED

COMPLETENESS

USABILITY

NEW TOOLS

- ~750 total documents ingested
- Instant search across all documents in real time
- · Advanced search capabilities and time saved
- An example complex query took 35 minutes for search, analysis, clean, and extraction (multiple keywords overlaid) across entire document set
- Higher accuracy, and resulting confidence on initial search results and completeness of analysis
- Better contextual insights
- Advanced search capabilities

- Simple, easy to use interface
- Makes policy documents easy to peruse
- Both textual and visual search available
- Sharing

- Visual Connectivity Graph
- · Thematic Clouds (by topic, by owner)
- Outdatedness
- Prescriptivity
- Readability
- Faster workflow & collaboration



AI-POWERED

- User based manual or binary search by paper or justice website
- Scan one document at a time
- · Search one key word, one document at a time
- Based on experience, the complex query example would take more than one day to complete (13x more time)
- Significant time saving of ~ 200 days anticipated based on current usage volume (300 queries/year). See appendix for assumptions
- Accuracy based on accuracy of the initial search
- No contextual insights unless provided by SME
- No adv. search capabilities. SME's are used to narrow
- User searches paper, books, or on the Justice website
- New users would struggle with search capability
- Search is strictly basic binary search only.
- · Users would have to custom build new tools using commonly available tools such as MS excel or access.
- Limited collaboration. typically by paper or by emails

down areas to search

Expected Benefits



of <u>time saved on searching tasks</u> per year based on...



300 queries

- Estimated based on current usage volume of 50 queries over 2 months
- 50% simple and 50% complex queries
- 13x to 18x time saving per query based on real life examples



Single user

- Based on today's focused user group of CARM Program Authority
- Additional benefit to be realized when rolled out to broader user base (e.g., CARM project team, strategic policy branch, etc.)



Leg/Regs only

- Based on time it takes to search through legislative and regulatory documents (143 documents in Helios currently)
- Significant additional benefit to be realized when d-memos (additional 369 documents), forms, customs notice are considered

... allowing policy analysts to focus on the core, value-added analysis



What Could Be Next for Helios?



IMPROVED USABILITY

- Tagging multiple results of a search
- Reporting features and frequently used template
- Auto highlight certain outdated terms, prescriptive terms, and other agencies



EXPANDED DATA

- Additional legislation and regulations
- Trade Chain Partners
- CBSA internal data sources



EXPANDED ANALYTICS USE CASES

- Public sentiment analysis
- Entity-centric connection graph visualization
- Visualization of connectivity at section level



BROADER ROLLOUT

- Multi-user workflow support
- User security and access controls
- Bilingual support



Discussion

- 1 How would you like to proceed with Helios?
- Would the team like to continue using the tool? Could other areas within CBSA benefit from the tool?



Appendix – Expected Benefits Assumptions

ITEM	-{♡+∰}- AI-POWERED	-{ (C) }- CURRENT	
Simple query	10 minutes	3 hours	Example: "cash" or "cheque"
Complex/ advanced query	35 minutes	> Full day	Example: "accounting" and "Customs Act" OR "accounted for" and
Annual search volume	 Annual search volume of 300 (based on current usage of 50 searches per 2 months) Assume 150 simple / 150 complex queries 		"Customs Act"
Expected time spent on search per year	113 hours (~15 days)	1,575 hours (~210 days)	

